

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/01561

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07C403/16 C11B9/00 A61K7/46

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07C C11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
CHEM ABS Data, EPO-Internal, BEILSTEIN Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 84, no. 25, 21 June 1976 (1976-06-21) Columbus, Ohio, US; abstract no. 179728, WATANABE, SHOJI ET AL: "A new preparative method for cyclohexenyl alkenyl ketones" XP002240121 cited in the application abstract & JOURNAL OF APPLIED CHEMISTRY & BIOTECHNOLOGY (1975), 25(10), 733-6 ,  --- -/--	2,5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

**\* Special categories of cited documents :**

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

6 May 2003

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20/05/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 87, no. 23, 5 December 1977 (1977-12-05) Columbus, Ohio, US; abstract no. 184046, FUJITA, TSUTOMU ET AL: "Synthesis of new cyclohexenyl ketones from various conjugated diene hydrocarbons" XP002240122 abstract & YUKAGAKU (1977), 26(7), 429-32 ,	2,5
X	----- CHEMICAL ABSTRACTS, vol. 95, no. 7, 17 August 1981 (1981-08-17) Columbus, Ohio, US; abstract no. 62434, HO, TSE-LOK: ".beta.-Bisabolene synthesis: Carroll approach". XP002240123 abstract & SYNTHETIC COMMUNICATIONS (1981), 11(3), 237-9 ,	5
A	----- CH 586 551 A (FIRMENICH & CIE) 15 April 1977 (1977-04-15) the whole document	1,7
A	----- US 4 392 993 A (THOMAS ALAN F ET AL) 12 July 1983 (1983-07-12) claims -----	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/01561

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CH 586551	A	15-04-1977	CH 586551 A5	15-04-1977
			DE 2502767 A1	31-07-1975
			FR 2259091 A1	22-08-1975
			GB 1435887 A	19-05-1976
			JP 1009433 C	26-08-1980
			JP 50105841 A	20-08-1975
			JP 54043061 B	18-12-1979
			NL 7500838 A , B,	31-07-1975
			US 4289659 A	15-09-1981
			US 4147672 A	03-04-1979
			US 4264467 A	28-04-1981
US 4392993	A	12-07-1983	CH 645337 A5	28-09-1984
			JP 1583243 C	22-10-1990
			JP 2007931 B	21-02-1990
			JP 57070831 A	01-05-1982